



VALMIERA GLASS®

suter-kunststoffe ag
swiss-composite.ch

DATASHEET: 92110-FK803

Description

92110-FK803 is a light to medium weight fibre glass fabric with a twill weave, The FK803 finish is a black resin compatible finish for the surface layer of GRP parts. In clear resin and or gel coats, this heat cleaned fabric and finish combination gives the the appearance of a resin/carbon fibre part.

Technical Data

Base Fabric				Tolerance	Test Methods
Yarn	Warp	EC9 -68		± 5%	DIN EN 12654
	Weft	EC9 -68			
Thread Count	Warp	12.0	per 1 cm	± 5%	DIN EN 1049
	Weft	11.5	per 1 cm		
Tensile Strength (Typical)	Warp	540	N/cm		DIN EN 12654
	Weft	200	N/cm		
Weight		163	g/m ²	± 5%	DIN EN 12127
Weave		2 x 2 twill			DIN ISO 9354
Finished Fabric					
Finish	FK 803 is a black pigmented silane finish, on heat cleaned de-sized fabric.				
Weight		163	g/m ²	± 10%	DIN EN 12127
Thickness (Typical)		0.19	mm	± 10%	DIN ISO 4603/E
Tensile Strength (Typical)	Warp	200	N/cm		DIN ISO 4606
	Weft	175	N/cm		
LOI (typical)		<1%			

Important - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Valmiera Glass materials described herein are sold subject to the Valmiera Glass conditions of sale, a copy of which is available on request.

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